



STEAM LOCOMOTIVES. ACCOUNT NO. 51.

ER.P-1911, GR-5.
VAL. GR. L-50.

Form 7310 4200 RP

Northern Pacific Ry. Co's Class P-1 I. C. C. Class 4-6-0 Service Passenger Number 234

LOCOMOTIVE DATA

Original Number 234
 Renumbered from _____ to _____ Date _____
 " " " " " "
 Builder Schenectady Loco. Works Builders No. 5933
 Date Built, Month June Year 1901
 From whom purchased Schenectady Loco. Works
 Purchased New or Second Hand New Date 6-25-01
 Authority No. _____ Voucher No. _____ Reqn. No. _____
 Receiving Station St. Paul, Minn. Date 7-5-01
 Setting up Shop Brainerd, Minn.
 Boiler Type Ext. Wagon Top, Radial Stay O. D. First Ring 62 1/2"
 Flues, No. 312 Outside Dia. 2" Length 14'0"
 Steam Pressure, Maximum 200 lbs. Working 200 lbs.
 Firebox, Type Narrow Length 108 3/16"
 Width, Top 61" Bottom 41"
 Height, Front 76 1/2" Back 64 1/2"
 Grate Area 30.8 sq. ft. Oil Burner, Type _____ Size _____
 Combustion Chamber, Length None
 Arch Tubes, No. 4 Size 3"
 Superheater, Kind None
 Feedwater Heater, Kind None Reheater, Kind None
 Heating Surface Tubes 2,272 sq. ft. Flues --
 Firebox 171 sq. ft. Arch Tubes 29 sq. ft.
 Superheating -- Total Equivalent 2,472 sq. ft.
 Cylinders H. P., Dia., 20" L. P. Dia., -- Stroke 26"
 Drivers—Dia. over New Tires 73"
 Driving Wheel Centers, Kind Cast Steel Dia. 66"
 Wheels, Leading Truck, Kind Steel Tired Dia. 33"
 Wheels, Trailing Truck, Kind None Dia. _____
 Wheel Base, Rigid 14'10" Total 25'10"

Weight on Drivers 115,900 lbs.
 Weight of Engine, Working Order 154,900 lbs. Light 137,100 lbs.
 Tractive Power I. C. C. Formula 24.2
 TENDER, Type U-Shape Number 3-C-29
 (Tender shown is one purchased with this locomotive)
 Capacity, Water, Gals. 4,350 Oil, Gals. -- Coal, Tons 9
 Underframe, Kind Steel End Sills, Kind Wood
 Wheels, No. 8 Kind 3 pr. S.T. 1pr R. Dia. 33"
 Journals, Size 4 1/2" x 8" Trucks, Kind Arch Bar
 Air Brake Cylinder, Size 10" x 12" Coal Pusher, Kind None
 Weight, Light 38,200 lbs. Loaded 92,450 lbs.
 Weight Engine and Tender, Light 175,300 lbs. Loaded 247,350 lbs.

APPURTENANCES

Headlights, No. 1 Kind Pyle Electric
 Main Valve, Kind Piston Dia. (If piston) 10"
 Valve Gear, Kind Stephenson Driver Brake, Kind Am. Equalized
 Air Brake Equipment, Kind Westinghouse Schedule A-1, PL-1012
 Air Pumps, No. 1 Make Westinghouse Size 9 1/2"
 Air Reservoirs, No. 2 Size 22 1/2" x 41"
 Train Signals, Kind West. Sanders, Kind Leach E & Hand
 Stoker, Kind None Power Reverse, Kind None
 Flange Lubricators, Kind None
 Pneumatic Fire Doors, Kind None
 Automatic Bell Ringers, Kind Crosby
 Couplers, Kind, Engine Tower 6" x 6" Tender Sharon 5" x 7"

FINAL DISPOSITION

By RETIRED Place _____ Date 5-27

Original Cost F. O. B. Chicago, Ill. 13 339 62
 Receivership Value
 Designing and Engineering
 Inspection during Construction
 Inspection of Material
 Messenger Service
 Setting up and breaking in } 99 71
 Miscellaneous, Tools, etc.
 Freight paid from Chicago to St. Paul 70 00
 Total 13 509 33

ENG'R. REPORT 13,666.00

DEPRECIATION-ENGINE 8 1/2 % = 11,684.43
 TENDER 14 1/2 % = 1,981.57

DEPRECIATION BASED ON { Original Cost
 Receivership Value } PLUS IMPROVEMENTS

NP 234

| -DEPRECIATION- R+E - ENGINE | | | -DEPRECIATION- R+E - TENDER | | |
|--------------------------------|---------|-------------|--------------------------------|---------|------------|
| Rate | Period | Amount | Rate | Period | Amount |
| E.R. | O.C. | 11,550.48 | E.R. | O.C. | 1,958.85 |
| | 846-11 | 7.41 | O.C. | 5079-21 | 1.75 |
| | 879-16 | 67.61 | | 5047-32 | <1,960.60> |
| | 5158-23 | 212.58 | | | |
| O.C. | 925-16 | 1.43 | | | |
| 1 | 5062-27 | <11,839.51> | | | |

ADDITION AND BETTERMENT

| A. F. E. No. | Date | Description | Amount |
|--------------|---------|----------------------------|-------------|
| 846-11 | 5-15 | Safety appliances | 7 41 |
| 879-16 | 5-28 | Air brakes | 67 61 |
| 925-16 | 4-28 | Back stop on pilot step | 1 43 |
| 5079-21 | 6-14-22 | Water Crane Hook on Tender | 1 75 |
| 5158-23 | 31-6-22 | Lead Headrig | 212 58 |
| 5062-27 | 9-27 | Retired Inspection | <11,839.51> |
| 5047-32 | 2-33 | Tender portion Retired | <1,960.60> |

FINAL DISPOSITION

| By | Place | Date |
|-------------------------------|---------------------------------------|------|
| Total Cost based on | { Original Cost Receivership Value | |
| Salvage | | |
| Accrued Depreciation | | |
| Amount Charged to Retirements | | |